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11-2402

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Substitute for form 1449A/PTO

Sheet 1 of 1
(use as many sheets as necessary)

Complete if Known
Application Number 09/990,976
Filing Date 11-21-2001
First Named Inventor Indra Laksono
Group Art Unit 2631
Examiner Name Unknown
Attorney Docket Number 1459.0100120

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	U.S. Patent Application Number Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MC	AA	09/819,147	Indra Laksono	Pending	
MC	AB	09/917,967	Laksono, et al.	Pending	
MC	AC	09/918,384	Chan, et al.	Pending	
MC	AD	09/918,380	Laksono, et al.	Pending	
MC	AE	09/990,737	Laksono, et al.	Pending	
	AF				
	AG				
	AH				
	AI				
	AJ				

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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. 1	Foreign Patent Document Office 3 Number Kind Code 2 (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
	AK					<input type="checkbox"/>
	AL					<input type="checkbox"/>
	AM					<input type="checkbox"/>
	AN					<input type="checkbox"/>
	AO					<input type="checkbox"/>

PUBLICATIONS

Examiner Initials *	Cite No. 1	Title of Publication	Date of Publication of Cited Document MM-DD-YYYY
	AW		
	AX		
	AY		
	AZ		

Examiner Signature		Date Considered	8/25/02
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1 Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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<i>W</i>	AA	6,014,694		Aharoni et al.	01-11-2000	
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					

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<i>W</i>	AK	EP	0 901 285	A1	Yamaguchi	02-10-1999		<input type="checkbox"/>
<i>W</i>	AL	EP	0 739 138	A2	Kalmanek et al.	10-23-1996		<input type="checkbox"/>
<i>W</i>	AM	WO	02/080518	A2	Laksono	10-10-2002		<input type="checkbox"/>
	AN							<input type="checkbox"/>
	AO							<input type="checkbox"/>

PUBLICATIONS

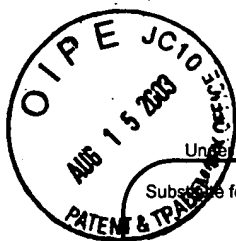
Examiner Initials *	Cite No.1	Title of Publication	Date of Publication of Cited Document MM-DD-YYYY
<i>W</i>	AW	Adaptive Streaming of MPEG Video over IP Networks	1997
<i>W</i>	AX	Architectural Considerations for Playback of Quality...	2000
<i>W</i>	AY	On-Demand Hypermedia/Multimedia Service...	1996
	AZ		

Examiner Signature	<i>W</i>	Date Considered	8/25/04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known

Application Number	09/990,976
Filing Date	11/21/01
First Named Inventor	Laksono, Indra
Art Unit	2613
Examiner Name	Wong, Allen C.
Attorney Docket Number	1459.0100120

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>W</i>	AA	Pedro Assuncao and Mohammad Ghanbari, "Rate Reduction Techniques for MPEG-2 Video Bit Streams," SPIE Vol. 2952, April 1996, 10 pp.	
<i>W</i>	BB	Jae-Young Pyun, "QoS Provisioning for Video Streaming over IEEE 802.11 Wireless LAN," (abridged) IEEE Conference in Consumer Electronics, 6/16/2003, 3 pp. [online] Retrieved from the Internet 7/8/2003 at URL	
<i>W</i>	CC	Krisda Lengwehasatit and Antonio Ortega, "Computationally Scalable Partial Distance Based Fast Search Motion Estimation," Univ. of Southern California, 4 pp., (date unknown)	
<i>W</i>	DD	Manoj Aggarwal and Ajai Narayan, "Efficient Huffman Decoding," 2000 IEEE, 0-7803-6297-7, pp. 936-939.	
<i>W</i>	EE	Peng Yin et al., "Video Transcoding by Reducing Spatial Resolution," Princeton University, Princeton, NJ, 4 pp., 2000	
<i>W</i>	FF	Zhigang Fan and Ricardo de Queiroz, "Maximum Likelihood Estimation of JPEG Quantization Table in the Identification of Bitmap Compression History," Xerox Corporation, Webster, NY, 4 pp. (date unknown)	
<i>W</i>	GG	Luis Ducla Soares et al., "Influence of Encoder Parameters on the Decoded Video Quality for MPEG-4 Over W-CDMA Mobile Networks," NTT DoCoMo, Inc. technical paper, 4 pp. (date unknown)	
<i>W</i>	HH	Thomas Wiegand et al., "Long-Term Memory Motion-Compensated Prediction for Robust Video Transmission," in Proc. ICIP2000, 4 pp.	
<i>W</i>	II	P. Greg Sherwood et al., "Efficient Image and Channel Coding for Wireless Packet Networks," Univ. of CA, San Diego, CA, 4 pp. (date unknown)	
<i>W</i>	JJ	Donghoon Yu et al., "Fast Motion Estimation for Shape Coding in MPEG-4," 2003 IEEE Transactions on Circuits and Systems for Video Technology, Vol. 13, No. 4, April 2003, pp. 358-363	

Examiner Signature	<i>Allen Wong</i>	Date Considered	8/28/04
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

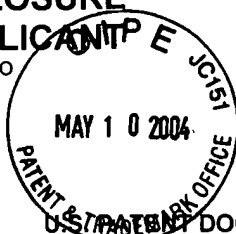
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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Sheet 1 of 1
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Application Number: 09/990,976
Filing Date: 11-21-2001
First Named Inventor: Indra Laksono
Group Art Unit: 2613
Examiner Name: Allen C. Wong
Attorney Docket Number: 1459-ViXS012

U.S. PATENT DOCUMENTS

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<i>ACW</i>	A1	6,222,886	B1	Yogeshwar	04-24-2001	
	A2					
	A3					
	A4					
	A5					
	A6					
	A7					
	A8					
	A9					
	A10					

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<i>ACW</i>	A11	EP	0955607	A2	Sarnoff Corp.	11-10-1999		<input type="checkbox"/>
	A12	EP	0805599	A2	Oki Electric Industry	11-5-1997		<input type="checkbox"/>
	A13							<input type="checkbox"/>
	A14							<input type="checkbox"/>
	A15							<input type="checkbox"/>

PUBLICATIONS

Examiner Initials *	Cite No.1	Title of Publication	Date of Publication of Cited Document MM-DD-YYYY
<i>ACW</i>	A16	Tamer Shanableh and Mohammed Ghanbari, "Heterogeneous Video Transcoding to Lower Spatio-Temporal Resolutions and Different Encoding Formats," IEEE Transactions on Multimedia, Vol. 2. No. 2, pp. 101-110	6-2000
<i>ACW</i>	A17	Jeongnam Youn et al., "Video Transcoding for Multiple Clients," Proceedings of the SPIE, Bellingham, VA, Vol. 4067, XP008012075, pp. 76-85	6-21-2000
<i>ACW</i>	A18	Kuniaki Takahashi et al., "Motion Vector Synthesis Algorithm for MPEG2-to-MPEG4 Transcoder," Proceedings of the SPIE, Bellingham, VA, Vol. 4310, XP008000078, pp. 387-882	1-24-2000
	A19		

Examiner Signature	<i>Allen C. Wong</i>	Date Considered	8/25/04
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